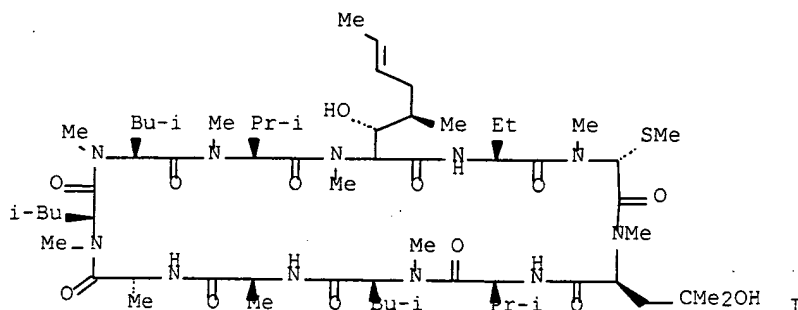


ACCESSION NUMBER: 1998:561741 HCAPLUS Full-text  
 DOCUMENT NUMBER: 129:149253  
 TITLE: Preparation of cyclosporin derivatives and their pharmaceutical compositions  
 INVENTOR(S): Barriere, Jean Claude; Carry, Jean Christophe; Filoche, Bruno; Evers, Michel; Bashiardes, Georges; Mignani, Serge  
 PATENT ASSIGNEE(S): Rhone-Poulenc Rorer SA, Fr.  
 SOURCE: Fr. Demande, 11 pp.  
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 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE       |
|---|------|----------|-----------------|------------|
| FR 2757520  | A1   | 19980626 | FR 1996-15954   | 19961224   |
| FR 2757520  | B1   | 19990129 |                 |            |
| WO 9828328  | A1   | 19980702 | WO 1997-FR2404  | 19971223   |
| W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, GH, GW, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                 |            |
| RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG  |      |          |                 |            |
| AU 9856691  | A1   | 19980717 | AU 1998-56691   | 19971223   |
| US 5948755  | A    | 19990907 | US 1997-997613  | 19971223   |
| EP 951473   | A1   | 19991027 | EP 1997-952997  | 19971223   |
| EP 951473   | B1   | 20020605 |                 |            |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI   |      |          |                 |            |
| JP 2001507016   | T2   | 20010529 | JP 1998-528488  | 19971223   |
| AT 218581   | E    | 20020615 | AT 1997-952997  | 19971223   |
| PT 951473   | T    | 20021129 | PT 1997-952997  | 19971223   |
| ES 2178036  | T3   | 20021216 | ES 1997-952997  | 19971223   |
| PRIORITY APPLN. INFO.:  |      |          | FR 1996-15954   | A 19961224 |
|   |      |          | WO 1997-FR2404  | W 19971223 |

GI



AB Cyclosporin deriv. I was prepd. by treating 4'-hydroxy-4-MeLeu cyclosporin with Me<sub>2</sub>S.  
 Pharmaceutical compns. are described which contain I, optionally in association with an antiviral, immunomodulator, or antimicrobial agent.

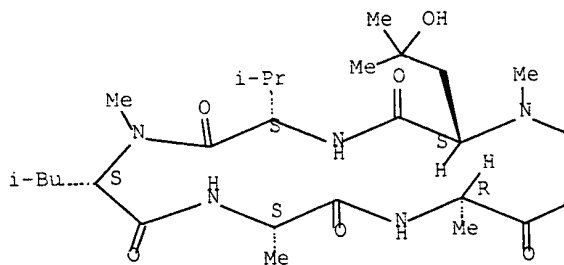
IT 210758-97-7P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of cyclosporin derivs. and their pharmaceutical compns.)

RN 210758-97-7 HCAPLUS  
CN Cyclosporin A, 3-[(2R)-N-methyl-2-(methylthio)glycine]-9-(4-hydroxy-N-methyl-L-leucine)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.

PAGE 1-A



PAGE 1-B

